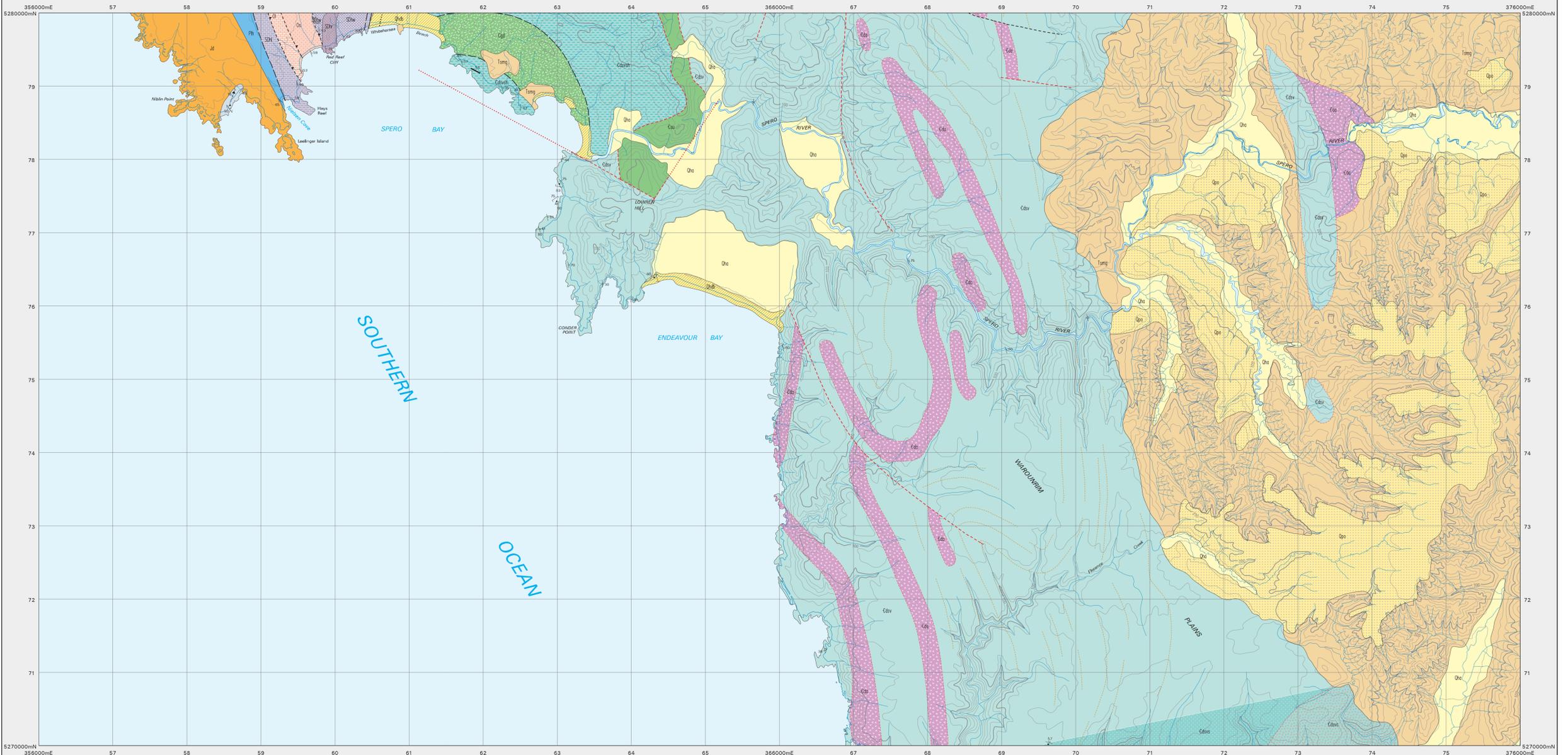
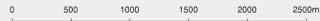


ENDEAVOUR WEST

MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
ENDEAVOUR WEST, SHEET 3627

Scale: 1:25 000



COMPOSITE LEGEND FOR ENDEAVOUR EAST AND ENDEAVOUR WEST

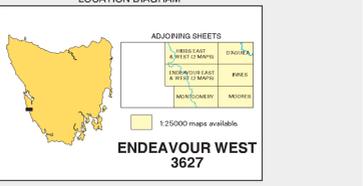
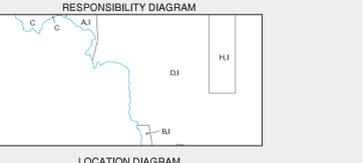
PERIOD	UNIT	DESCRIPTION
CENOZOIC	Quaternary	Qhb Modern shore face and associated aeolian dune sand (Qhb).
	Quaternary	Qha Alluvium and swamp deposits (Qha).
	Pleistocene	Qpa Older alluvial gravels, mainly on raised terraces developed on tertiary deposits, and showing a gradational relationship to younger alluvium (Qpa).
	Tertiary	Tsmg Erosional surface.
PALAEOZOIC	Pli	Semi-consolidated interbedded sands, pebble-cobble gravels (up to boulder grade in some places), silts and clays; some horizons contain coalified wood and rare amber (Tsmg).
	SDm	Angular unconformity.
	SDw	Marine sequence of grey, poorly sorted polymict cobble-pebble lithic conglomerate, pebbly lithic sandstone, siltstone, calcareous mudstone and limestone, with abundant marine macrofossils in some beds (Pli). (Correlate of Lower Permian Supergroup).
PALAEOZOIC	SDm	Angular unconformity due to Middle Devonian polyphase orogeny.
	SDw	Pale-weathering, cross-bedded, well-sorted marine quartz sandstone with minor siltstone and conglomerate; fossiliferous bed near top contains brachiopods, tentaculids and orthoconic cephalopods (SDw). (Whitehorse Beach Sandstone).
	SDw	Unfossiliferous redbed sequence of predominantly fine-grained lithic sandstone with subordinate coarse lithic sandstone and lithic conglomerate, arranged in fining-upward sequences (SDw). (Red Reef Cliff Siltstone).
	SDw	Interbedded fossiliferous marine limestone and calcareous mudstone, with abundant coral heads up to 0.5m in diameter (SDw). (Point Hibbs Formation).
PALAEOZOIC	Pon	Possible disconformity.
	Pon	Metamorphosed interbedded quartzite and mudstone/siltstone (Pon). (Correlate of Donoh Formation).
PALAEOZOIC	CDv	Inferred unconformity.
	CDv	Mixed sequence of volcano-sedimentary, sedimentary and volcanic rocks, ranging from felsic to andesitic in composition. May include non-volcanic sedimentary rocks (CDv).
	CDv	Andesitic lavas and possible intrusives, typically pyroxene-plagioclase-phyric. Includes some units mapped from aeromagnetic signature (CDv).
	CDv	Dominantly volcanoclastic conglomerate and lithic sandstone with interbedded siltstone and mudstone (CDv).
PALAEOZOIC	CDv	Dominantly volcanoclastic sandstone with interbedded siltstone and mudstone and minor conglomerate (CDv).
	CDvsh	Dominantly siltstone-mudstone sequence, grey to greenish-grey, thin-bedded, with subordinate thin graded turbiditic sandstone units (CDvsh).
PALAEOZOIC	CDv	Inferred erosion surface.
	CDv	Metamorphosed interbedded quartzite and mudstone/siltstone (Pon). (Correlate of Donoh Formation).

PERIOD	UNIT	DESCRIPTION
JURASSIC	Jd	Diorite (Jd).
	Edp	Andesitic lavas and possible intrusives (Edp).
PALAEOZOIC	Edp	Gabbro dykes, intrusive bodies and fault-bounded units (Edp).
	Edp	Undifferentiated, generally coarse-grained ultramafic rocks, gabbro and sheared serpentinite (Edp).

SYMBOL	DESCRIPTION
—	Geological boundary - position accurate or approximate.
- - -	Geological boundary - inferred.
— · — ·	Geological boundary inferred from airborne magnetic and/or radiometric data.
- - - - -	Fault - unspecified type, position accurate or approximate.
- - - - -	Fault - unspecified type, inferred.
- - - - -	Fault - unspecified type, concealed.
- - - - -	Fault - unspecified type, inferred from aeromagnetic data.
- - - - -	Fault - unspecified type, concealed, inferred from aeromagnetic data.
— · — ·	Lithological trend line.
— · — ·	Scarp.
— · — ·	Thrust Fault (teeth on upper plate) inferred.
— · — ·	Limit of mapping of sub-unit within undifferentiated rock unit.

Compiled by D.B. Seymour, B.Sc. (Hons), Ph.D. and D. Green, 2000 from the following sources (see Responsibility Diagram):
 A. Unpublished mapping by M.P. McClenaghan, B.Sc. (Hons.), Ph.D., 1990.
 B. Unpublished mapping by M.V. Brown, B.Sc. (Hons.), Ph.D., 1989.
 C. Unpublished mapping by D.B. Seymour, B.Sc. (Hons.), Ph.D., 1989-90.
 D. New aeromagnetic and alpha-theta interpretation, with additional information from BHP Co. Ltd. Exploration Dept. 1989. 1:50k Geological Map - Point Hibbs (Double Cove & Hibbs Beds). EL 13/65 Southwest Tasmania.
 E. 1:25000 Geological series, Southwest Tasmania (Endeavour East only).
 F. Braithwaite, J., Pemberton, J., Vigney, M.J. & Corbett, K.D. 1992. Geology of the Warburton Range area. Mt Read Volcanics Project, Map 12. (Endeavour East only).
 G. Vigney, M.J., Pemberton, J., Braithwaite, J. & Corbett, K.D. 1992. Geology of the Warburton River - Moores Valley area. Mt Read Volcanics Project, Map 11. (Endeavour East only).
 H. Green, D.C. 2003. Ground truthing WTRMP geophysical interpretations south of Manquehue Harbour. Tasmanian Geological Survey record 2003/12. Mineral Resources Tasmania.
 I. Updated by K.D. Corbett, 2004 as part of the Western Tasmania Regional Minerals Program.

Digital base information from Information and Land Services Division, Department of Primary Industries, Water and Environment.
 Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software.
 ACTGIS - AMIS Core GIS. Contour Interval: 20 metres.



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